#13

RAW SEQUENCE LISTING DATE: 04/03/2002
PATENT APPLICATION: US/09/756,830B TIME: 14:45:49

Input Set : A:\55525-8046.US00-SEQLIST.TXT
Output Set: N:\CRF3\04032002\I756830B.raw

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 4 <110> APPLICANT: Brenner, Sydney
 5       Williams, Steven R.
 7 <120> TITLE OF INVENTION: Enzymatic Synthesis of Oligonucleotide
 8       Tags
10 <130> FILE REFERENCE: 55525-8046.US00
12 <140> CURRENT APPLICATION NUMBER: US 09/756,830B
13 <141> CURRENT FILING DATE: 2001-01-08
15 <160> NUMBER OF SEQ ID NOS: 37
17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 58
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <223> OTHER INFORMATION: synthetic oligonucleotide
27 <400> SEQUENCE: 1
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30 <210> SEQ ID NO: 2
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32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: primer
38 <400> SEQUENCE: 2
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41 <210> SEQ ID NO: 3
42 <211> LENGTH: 17
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: primer
49 <400> SEQUENCE: 3
50 cggtaagctt gcagcat                                                     17
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 55
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: adaptor
60 <400> SEQUENCE: 4
61 aattgttaat taaggatgag ctcactcctc gggcccgcat aagtcttcga attcg           55
63 <210> SEQ ID NO: 5
64 <211> LENGTH: 57
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65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: cloning vector
71 <400> SEQUENCE: 5
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74 <210> SEQ ID NO: 6
75 <211> LENGTH: 32
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: vector
82 <400> SEQUENCE: 6
83 ddddddddgg gcccaatgct gcaagcttgg cg 32
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: adaptor
93 <400> SEQUENCE: 7
94 gaggagatga agacgadddd 20
96 <210> SEQ ID NO: 8
97 <211> LENGTH: 55
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: vector
104 <400> SEQUENCE: 8
105 gcagaggaga tgaagacgad ddddddddddd dgggcccaat gctgcaagct tggcg 55
107 <210> SEQ ID NO: 9
108 <211> LENGTH: 78
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: tag repertoire
115 <400> SEQUENCE: 9
116 cgacacctgc agttatcgga ggagatgaag acggddddddd ddddddgggc ccatatatcc 60
117 gtctgcacaa gcttaccg 78
119 <210> SEQ ID NO: 10
120 <211> LENGTH: 72
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: vector
127 <400> SEQUENCE: 10
128 ctgcagttat cggaggagat gaagacggdd ddddddddddd gggcccatat atccgtctgc 60
129 acaagcttac cg 72
131 <210> SEQ ID NO: 11

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<211> LENGTH: 37
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<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: adaptor
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<211> LENGTH: 86
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: vector
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atatatccgt ctgcacaagc ttaccg 86
<210> SEQ ID NO: 13
<211> LENGTH: 31
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: adaptor
<400> SEQUENCE: 13
aattctagac tgcagttgat atcttaagct t 31
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<211> LENGTH: 47
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: adaptor
<400> SEQUENCE: 14
aattctgcag aggagatgaa gacgaaaaga aaggggccca tgctgca 47
<210> SEQ ID NO: 15
<211> LENGTH: 25
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: adaptor
<400> SEQUENCE: 15
gaggagatga agacgadddd ddddg 25
<210> SEQ ID NO: 16
<211> LENGTH: 74
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic oligonucleotide
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cgagaaagag ggataaggct cgagcttaat taagagtcga cgaattcggg cccggatcct 60
gactctttct ccct 74

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Input Set : A:\55525-8046.US00-SEQLIST.TXT
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<210> SEQ ID NO: 17
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<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic oligonucleotide
<400> SEQUENCE: 17
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ccttatccct ctttctcggt ac 82
<210> SEQ ID NO: 18
<211> LENGTH: 47
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic oligonucleotide
<400> SEQUENCE: 18
tcgaggcata agtcttcgaa ttccatcaca ctgggaagac aacgtag 47
<210> SEQ ID NO: 19
<211> LENGTH: 47
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: vector
<400> SEQUENCE: 19
gatcctacgt tgtcttccca gtgtgatgga attcgaagac ttatgcc 47
<210> SEQ ID NO: 20
<211> LENGTH: 72
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic oligonucleotide
<400> SEQUENCE: 20
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cgatggtcat ag 72
<210> SEQ ID NO: 21
<211> LENGTH: 45
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic oligonucleotide
<400> SEQUENCE: 21
tgtttcctgc cacacaacat acgagccgga agcggccgct ctaga 45
<210> SEQ ID NO: 22
<211> LENGTH: 62
<212> TYPE: DNA
<213> ORGANISM: Artificial Sequence
<220> FEATURE:
<223> OTHER INFORMATION: synthetic oligonucleotide
<400> SEQUENCE: 22

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265 agcgtctaga gcggccgctt ccggctcgta tgttgtgtgg caggaaacaa gctatgacca 60
266 tc 62
268 <210> SEQ ID NO: 23
269 <211> LENGTH: 57
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: synthetic oligonucleotide
276 <400> SEQUENCE: 23
277 gatggatccg aattctgcag aagacttatg ctcgagggcc caaagcttgt taattaa 57
279 <210> SEQ ID NO: 24
280 <211> LENGTH: 22
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: synthetic oligonucleotide
287 <400> SEQUENCE: 24
288 tcgagggccc gcataagtct tc 22
290 <210> SEQ ID NO: 25
291 <211> LENGTH: 22
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: vector
298 <400> SEQUENCE: 25
299 tcgagaagac ttatgcgggc cc 22
301 <210> SEQ ID NO: 26
302 <211> LENGTH: 217
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: adaptor
309 <400> SEQUENCE: 26
310 aattctgtaa aacgacggcc agtcgccagg gttttcccag tcacgacgtg aataaatagt 60
311 taattaagga ataggcctct cctcgagctc ggtaccgggc ccgcataagt cttcatctat 120
312 cgatgattga agagcgatat cgctcttcaa tcggatccat cctcaactaa ttaccacaca 180
313 acatacgagc cggaagcggg tcatagctgt ttcctga 217
315 <210> SEQ ID NO: 27
316 <211> LENGTH: 55
317 <212> TYPE: DNA
318 <213> ORGANISM: Artificial Sequence
320 <220> FEATURE:
321 <223> OTHER INFORMATION: complementary sequence to adaptor
323 <400> SEQUENCE: 27
324 gatccgaatt cgaagactta tgcgggcccg aggagtgagc tcatccttaa ttaac 55
326 <210> SEQ ID NO: 28
327 <211> LENGTH: 10
328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence

VERIFICATION SUMMARY DATE: 04/03/2002
PATENT APPLICATION: US/09/756,830B TIME: 14:45:50

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